

## ABSTRACT OF THE DISCLOSURE

An active noise control system for reducing road noise of low frequency generated inside the cabin of a vehicle is

5 provided. The active noise control system includes a noise detector, a signal generator for processing the input noise signal to generate a signal for producing noise canceling waves, a limiting amplifier having a specified threshold value for variably amplifying the processed signal so that the  
10 amplitude of output signal will not exceed the threshold value, and an electrical acoustic converter for producing noise canceling acoustic waves in accordance with the output signal.